

Converting Colors

$Yxy(66.0198, 0.4377, 0.4532)$

Have a look what the booklet for
Yxy(66.0198, 0.4377, 0.4532)
contains.

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Color

Yxy(65.8155, 0.4383, 0.4529)

Conversions

Conversions Part 1

Format	Color
Hex	FCCF4A
RGB	252, 207, 74
RGB Percent	99%, 81%, 29%
CMY	0.0117, 0.1882, 0.7101
CMYK	0.00, 0.18, 0.71, 0.01
HSL	45°, 97%, 64%
HSV	45°, 71%, 99%
XYZ	63.6938, 65.8155, 15.8108
YIQ	205.2930, 69.5130, -31.8230

Conversions

Conversions Part 2

Format	Color
RYB	134, 252, 74
Decimal	16568138
CIELab	84.90, 2.62, 68.85
CIElCh	85, 68.897, 87.819
Yxy	65.8155, 0.4383, 0.4529
Android (android.graphics.Color)	4294758218 (0xFFFC4A)
YUV	205.2930, -64.7274, 40.9620
Hunter-Lab	81.1268, -1.8288, 45.2337

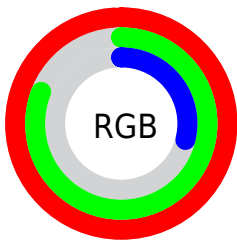
Details

The Yxy color **65.8155, 0.4383, 0.4529** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed yellow. A complement of this color would be **21.6574, 0.1880, 0.1509**, and the grayscale version is **61.6313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3917, 0.3850, 0.4484**, and **33.8588, 0.4596, 0.4733** is the 20% darker color. If you saturate the color by 10%, you get **62.5208, 0.4531, 0.4607**, and if you desaturate by 10%, it is **69.3770, 0.4212, 0.4408**.

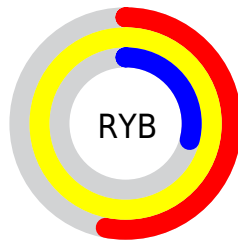
Distribution



Red (99%)

Green (81%)

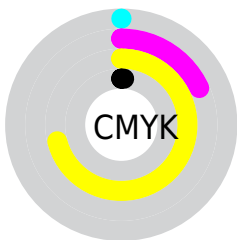
Blue (29%)



Red (53%)

Yellow (99%)

Blue (29%)

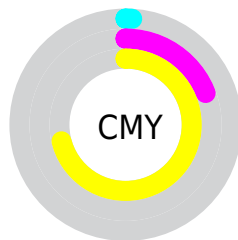


Cyan (0%)

Magenta (18%)

Yellow (71%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8155, 0.4383, 0.4529 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 65.8155, 0.4383, 0.4529 by changing the saturation by 10% instead.


 65.8155, 0.4383,
0.4529


 65.8155, 0.4383,
0.4529


445.7168, 0.3841,
0.4003

 48.1226, 0.4486,
0.4626

 113.2215, 0.4210,
0.4363


 33.9240, 0.4599,
0.4732


 143.7034, 0.4138,
0.4293

 22.8352, 0.4720,
0.4841


 179.2171, 0.4074,
0.4231

 14.4719, 0.4846,
0.4949

 220.1471, 0.4017,
0.4175

 8.4496, 0.4962,
0.5038

 266.8776, 0.3966,
0.4125

 4.3840, 0.4984,
0.5016

319.7931, 0.3920,

 1.8906, 0.5019,

0.4080

0.4981

379.2781, 0.3879,
0.4040

0.5427, 0.5165,
0.4835

0.0000, 0.0000,
0.0000

65.8155, 0.4383,
0.4529

65.8155, 0.4383,
0.4529

62.5208, 0.4531,
0.4607

69.3770, 0.4212,
0.4408

59.4644, 0.4650,
0.4635

73.2115, 0.4026,
0.4252

56.8025, 0.4736,
0.4622

77.3364, 0.3835,
0.4072

81.7644, 0.3646,
0.3879

86.5070, 0.3465,
0.3683

91.5752, 0.3294,
0.3489

96.9791, 0.3137,
0.3302

99.4369, 0.3109,
0.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.8155, 0.4787, 0.3950



65.8155, 0.4383, 0.4529



65.8155, 0.3676, 0.4870

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.8155, 0.4383, 0.4529



65.8155, 0.1769, 0.2928



65.8155, 0.3209, 0.2315

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.8155, 0.4383, 0.4529



21.6574, 0.1880, 0.1509

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.8155, 0.2423, 0.2059



65.8155, 0.4383, 0.4529



65.8155, 0.1688, 0.2314

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8155, 0.4383, 0.4529



65.8155, 0.2174, 0.3836



65.8155, 0.1907, 0.2043



65.8155, 0.4085, 0.2766

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.8155, 0.4383, 0.4529



65.8155, 0.3135, 0.4798



65.8155, 0.1907, 0.2043



65.8155, 0.2924, 0.2205

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.8187, 0.4383, 0.4529



88.6862, 0.3471, 0.3690



26.9748, 0.4899, 0.2868



18.6880, 0.3520, 0.3744



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.8187, 0.4383, 0.4529



62.8155, 0.4587, 0.4625



83.8875, 0.3781, 0.5054



19.4044, 0.3275, 0.3466



29.8348, 0.4724, 0.4631



2.9318, 0.4647, 0.4692

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.6574, 0.1880, 0.1509



15.4695, 0.1692, 0.1149



15.5932, 0.1990, 0.1143



17.3557, 0.2979, 0.3107



5.7493, 0.1581, 0.0891



0.6940, 0.1642, 0.1112

Previews

White Background



This preview shows how the Yxy color 65.8155, 0.4383, 0.4529 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 65.8155, 0.4383, 0.4529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8155, 0.4383, 0.4529

Background



This preview shows how black text looks on a background with the Yxy color 65.8155, 0.4383, 0.4529.



This preview shows how white text looks on a background with the Yxy color 65.8155, 0.4383, 0.4529.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.8155, 0.4383, 0.4529

Protanopia

66.1010, 0.4214, 0.4644

Deuteranopia

65.8262, 0.4158, 0.4129



Tritanopia

65.7960, 0.3501, 0.3168

Trichromacy



Original Color

65.8155, 0.4383, 0.4529

Protanomaly

65.9738, 0.4269, 0.4603

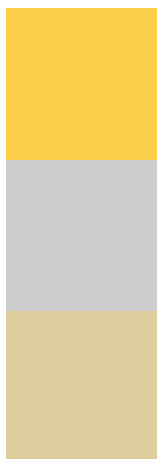
Deuteranomaly

65.7330, 0.4254, 0.4288

Tritanomaly

65.3822, 0.3875, 0.3720

Monochromacy



Original Color

65.8155, 0.4383, 0.4529

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.1065, 0.3615, 0.3853

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8155, 0.4383, 0.4529 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 207, 74)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 74)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 207, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 74) }
```

Border

The CSS property to change the border of an element to Yxy 65.8155, 0.4383, 0.4529 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 207, 74) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(252, 207, 74) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(252, 207, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 74);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8155, 0.4383, 0.4529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 74) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
207, 74) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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